Index to Volume 54

SUSAN KELSCH

Page references in **boldface** indicate major treatment of a topic. Italic *t*, *f*, or *n* indicates information in tables, figures, or notes.

A
Aarhus, Denmark, State and University Library, 59–60
Academic libraries
  British Columbia College and Institute Library Services, 423
  Consortium of Research Libraries, UK, 368
  digital preservation, 2, 39
  dual-use libraries, 486, 502, 537–538, 542, 546, 552–565, 569–579, 581–594
  Electronic Document Exchange Network, 349
  Harvard University Library, 14*n*, 101
  Hellenic Academic Libraries Link, 362–364
  Information and Library Network, India, 478–479
  Massachusetts Institute of Technology Libraries, 7–14
  National Health Service Trust, UK, 600, 602
  North West Academic Libraries, England, 367
  OhioLINK project, 344, 394–395, 402–406, 403*f*, 404*f*, 405*f*, 405*t*
  Ontario Digital Library, 457
  state cooperation, 458
  United Kingdom consortia, 419
  University of California, San Diego, 13
Access issues
  age appropriate materials, 190
  Big Deal journal agreements, 402–403
  children and digital resources, 174–175, 188–191
  digital preservation system design, 148, 149
  dual-use libraries, 496, 503, 526–527, 532, 544–545, 576
  European consortia, 377
  health libraries, 601
  India, 464, 472, 480, 481, 483
  National Electronic Library Program, Finland, 360
  Open WorldCat project, 431, 435, 447
  print disabilities, 411–412, 415, 417–418, 425
  teenagers and the Internet, 211
Acquisition and ingestion, digital content
  digital preservation methodology, 59–60, 61–63, 74–75, 76, 79*f*, 81*f*, 99–103
  DSpace project, 11
  Global Digital Format Registry, 127–128
  Koninklijke Bibliotheek, 36, 42, 49

LIBRARY TRENDS, Vol. 54, No. 4, Spring 2006 (Indexes issues 1–4 of Volume 54.), pp. 640–669
© 2006 The Board of Trustees, University of Illinois

Index to Volume 54

SUSAN KELSCH

Page references in **boldface** indicate major treatment of a topic. Italic *t*, *f*, or *n* indicates information in tables, figures, or notes.

A
Aarhus, Denmark, State and University Library, 59–60
Academic libraries
  British Columbia College and Institute Library Services, 423
  Consortium of Research Libraries, UK, 368
  digital preservation, 2, 39
  dual-use libraries, 486, 502, 537–538, 542, 546, 552–565, 569–579, 581–594
  Electronic Document Exchange Network, 349
  Harvard University Library, 14*n*, 101
  Hellenic Academic Libraries Link, 362–364
  Information and Library Network, India, 478–479
  Massachusetts Institute of Technology Libraries, 7–14
  National Health Service Trust, UK, 600, 602
  North West Academic Libraries, England, 367
  OhioLINK project, 344, 394–395, 402–406, 403*f*, 404*f*, 405*f*, 405*t*
  Ontario Digital Library, 457
  state cooperation, 458
  United Kingdom consortia, 419
  University of California, San Diego, 13
Access issues
  age appropriate materials, 190
  Big Deal journal agreements, 402–403
  children and digital resources, 174–175, 188–191
  digital preservation system design, 148, 149
  dual-use libraries, 496, 503, 526–527, 532, 544–545, 576
  European consortia, 377
  health libraries, 601
  India, 464, 472, 480, 481, 483
  National Electronic Library Program, Finland, 360
  Open WorldCat project, 431, 435, 447
  print disabilities, 411–412, 415, 417–418, 425
  teenagers and the Internet, 211
Acquisition and ingestion, digital content
  digital preservation methodology, 59–60, 61–63, 74–75, 76, 79*f*, 81*f*, 99–103
  DSpace project, 11
  Global Digital Format Registry, 127–128
  Koninklijke Bibliotheek, 36, 42, 49

LIBRARY TRENDS, Vol. 54, No. 4, Spring 2006 (Indexes issues 1–4 of Volume 54.), pp. 640–669
© 2006 The Board of Trustees, University of Illinois

Legal and Historical Internet Archive System (BBC), 27, 30–31
Ontario School Curriculum Resource, 455
ADA. *See* Americans with Disabilities Act of 1990
Adaptive technology, print disabilities, 415, 420
Administration and management
Azalea Public Branch Library, FL, 583–584
College Hill Library, CO, 570–572, 578–579
dual-use libraries, 488, 491, 492–494, 495–496, 503–506, 509–510, 511–516, 530, 532–533
Electronic Document Exchange Network, 351, 355
Global Digital Format Registry, 139, 140–141
Hellenic Academic Libraries Link, 364
Indian National Digital Library in Science and Technology, 471
Information Age Town project, 283
Koninklijke Bibliotheek project, 50
National Electronic Information Consortium, Russia, 366
National Electronic Library Program, Finland, 361
National Library of New Zealand, 102*f*, 103, 104*f*, 105
Ontario Digital Library, 456
Ontario School Curriculum Resource, 451–452
preservation environments, 147*f*, 148, 150*f*, 151*f*, 152–153, 154–155
South African community-school library, 622–624, 624, 630, 632, 633–634, 636–637
Visby, Sweden, dual-use library, 557
West St. Petersburg Community Library, FL, 589–594
Worcester, UK, dual-use library, **535–548**
Adolescents. *See* Teenagers
Adult education
Ireland, 281
South Africa, 635
Sweden, 561
United Kingdom, 524
Advertisements, 331–332
Affective paradigm, **197–208,** 297
Agarwal, P., 467, 468
Age, of public library users, 524–525
Age appropriate materials, 190, 298–299, 311, 313, 324–326
Almedalsbiblioteket, Sweden, 554–556, 557, 564
Alternate formats, print disabilities, 415, 417–418, 420–421, 424, 425–426
American Memory project, 458
Americans with Disabilities Act of 1990, 415
Amey, Larry, 506
AMICUS Catalogue of the Library and Archives Canada, 420
Animation, 327–328
Annotated Card program, 311, 314*n*
Annual reports, 496, 509
Anomalous state of knowledge (ASK), 197–198
ANSI (American National Standards Institute), 385
Application Protocol Interfaces (API), 153
Architecture, 573
Archival Information Packages (AIP), 128, 153
Archives
Libraries and Archives Canada (LAC), 458–459
Ardnamurchan school, Scotland, 531–532
Ariel software, 347, 386
Arora, J., 467, 468
Art and Architecture Digital Media (OhioLINK), 409
ARTEMIS Digital Library, 311–312, 338
Ask A service, 231
Ask Jeeves for Kids, 326, 331*f*
AskNow reference service, 214
Assessment and review
British Broadcasting Co., 20
dual-use libraries, 496, **501–518,** 545–546, 636–637
Assistive technology, print disabilities, 415, 420–421, 424, 425–426
Astleitner, H., 297
AT&T Solutions, 42

Audio and sound content
alternate formats, 425–426
audio books, 419, 420, 422, 423
children and digital resources, 293
Information Age Town project, Ireland, 279
Australia
National Library of Australia, 2–3, 63–68
school community libraries, 506, 516, 521
Australian Government Metadata Project, 68
Authentication, Shibboleth, 389
Authoring tools, 73
Automation
dual-use libraries, 574–575
interlibrary loan systems, 609
preservation metadata, 3, 68, 95, 97–105, 98*f*, 100*f*
Web site preservation, 59, 60, 74–75, 76, 80
Azalea Public Branch Library, FL, 582–594

B
Backup systems
DSpace project, 12
Koninklijke Bibliotheek, 42
Legal and Historical Internet Archive System (BBC), 26–27
National Library of New Zealand, 106
San Diego Supercomputer Center, 157–158
Balanced scorecard evaluations, 506–507
Bath profile standard, 384
BBC. *See* British Broadcasting Company
Berge, Z. L., 274
Best practices
DSpace project, 9–10
heritage collections, 165–166
virtual reference, 389
Biblionef (organization), 633–634
Bibliothèque Nationale de France, 3, 59, 82–87, 84*f*, 85*f*
Big Deal journal agreements, 400–406, 403*f*, 404*f*, 405*f*, 405*t*, 410*n*
Bilal, Dania, 181, 183, 320, 322
Bilingualism, 337
Billings, John Shaw, 607–608
Birds, 279
Bishop's Park College library, UK, 530
Bitstreams (PREMIS project), 117–118
Blacksburg, VA, Electronic Village, 268, 274
Blair, D., 304
Blind users, 344
Blue Sky (Huseinovic), 254–255
Book House interface, 307–308
Book of Hours (manuscript), 35
Book reviews. *See* Ratings and evaluations, children's books
Books
audio books, 419, 420, 422, 423
book vendors, 435
collection cooperation, 395–396
library storage, 398–400
print vs. digital design, 179–180, 183
South African community-school library, 627
textbooks, 413, 600
See also Children's books; E-books; Publications
Borrow Direct consortia, 397–398
Brain research, 191–192
Branch libraries, 579
Braun, Linda, 211
British Broadcasting Company (BBC), 2, **16–32**
British Columbia College and Institute Library Services (CILS), 423
British Library
deposit libraries, 19
health libraries study, 598
Broadcasting
British Broadcasting Co., 16–31
Educational Broadcasting Corp., 167–168
Broadcasting Act of 1996 (UK), 17
Broward County, FL, 571
Browsing for information, 182
Bücherschatz hyperlink catalog, 307–308
Building the Information Core (NHS, UK), 601
Burren, Ireland, 280, 284*n*
Business and industry
heritage collection preservation, 169
National Information Centres, India, 466–467
Small Enterprises National Documentation Centre, India, 477–478

Worcester library and history center, UK, 539

C
California
King Library, San Jose, 489, 502, 505, 540–541, 542, 543, 544, 545, 546
San Diego Supercomputer Center, 13, 144, 155, 156*t*, 157, 157*t*, 158*t*, 159
Stanford University, 14*n*, 167
University of California, San Diego, 13
University of California, Santa Barbara, 167
California Digital Library, 166–167
California Northern Regional Library Facility, 399–400
California State Library
dual-use library guidelines, 505
Live Homework Help service, 209–210, 213–214
Callington Library, England, 523
Canada
Canadian Charter of Rights and Freedoms, 415
copyright law, 416
History Trek portal, 324–326, 325*f*, 332, 334*f*, 335, 337
Libraries and Archives Canada, 458–459
Ontario School Curriculum Resource, 344, 448–460
Social Sciences and Humanities Research Council, 339
University of Winnipeg, 349, 357
Canadian Association of Educational Resource Centres for Alternate Format Materials (CAER), 418–419
Canadian Charter of Rights and Freedoms, 415
Canadian Initiative on Digital Libraries (CIDL), 459
Canadian National Institute for the Blind (CNIB), 417–418
Canadian Union Catalogue of Alternative Format Materials (CANUC:H), 420
Career planning, 237, 240
Cartoons, Web portal design, 327
Cataloging
children's resources, 310
dual-use libraries, 544, 573
India, 482–483
MARC records, 384
Open WorldCat project, **430–447**
See also OPACs; Union catalogs
Categorization
children's books, 251
digital environments, 291
Web portal design, 332
CD-ROMs, 183
CEDARS (Cuil Exemplars in Digital Archives), 92
Celtic Tiger, 283*n*
Censorship, 190
Center for Research Libraries (CRL), 399
Centre on Rural Documentation (CORD, India), 478
Change strategies, 276, 276*t*
Characters, Web portal design, 330–331, 338
Charter, organization. *See* Mission and charter
Chat rooms and message boards
British Broadcasting Co., 18, 24
children and digital resources, 187–188
virtual reference, 213, 221, 223
Web portal design, 336
Chicago, IL
Chicago Public Library, 440, 442*f*, 443*f*
children and digital libraries, 248, 249*t*
Child development
children and digital resources, 176, **286–302, 303–317**
young adult services, 210, 221–222
Children
digital reference, **228–244**
digital resources, **173–177, 245–265**
information seeking behavior, **178–196, 197–208**
South African community-school library, 629
Web portal use, **318–342**
Children's Access to and Use of Computers Evaluation Project, 182, 186–187, 189

Children's books
children and digital libraries, **245–265,** 254*t*
International Children's Digital Library, 205, 309
South African community-school library, 634, 635–636
Children's Internet Protection Act (CIPA, 1999), 190
Children's libraries, 577, 587, 588, 589, 591
Chippewa Valley High School, ID, 187–188
Circulation
College Hill Library, CO, 576
King Library, San Jose, CA, 541
library resource sharing, 395–398, 400
West St. Petersburg Community Library, FL, 593–594
Clare County, Ireland, 272, 279, 282, 284*n*
Classroom activities
children and digital libraries, 259
South African community-school library, 627, 631
technology use, 267, 272–282, 284*n*
Cognition and cognitive development
affective paradigm, 197–198, 199
children and digital resources, 176, 292–293, 306
Collections and collection development
Big Deal journal agreements, 402
digital preservation, 1, 2–3, 6–15, **57–71,** 80–82, 81*f*
dual-use libraries, 496, 591
event-based, 82, 87
heritage preservation, 165–166
International Children's Digital Library, 248–250
Joint Information Systems Committee, UK, 370
library resource sharing, 396–397
South African community-school library, 626–627, 634
See also Selection process
College Hill Library, CO, **569–580**
Colleges and universities
college student research, 432
consortia and repositories, 406
digital content, 6, 7–9
medical education, 597–599
University Grants Commission, India, 473–475
See also Academic libraries
Collins, M. P., 274
Colorado
College Hill Library, CO, 569–579
Colors, Web portal design, 327, 336
Combined Higher Education Software Team (CHEST, UK), 369
Commonwealth Government Metadata Pilot Project, 68
Communication styles
children, 287, 294
teenagers, 209, 216*t*, 217–221, 222–223, 227
Communications Act (2003, UK), 17
Communities
children and digital resources, 188, 294
community informatics, 268
dual-use libraries, 492, 493–494, 497, 504, 512, **519–534,** 547
Härnösand, Sweden, 556, 564
Information Age Town project, 267, 279
King Library, San Jose, CA, 546
Maphotla, South Africa, 621, 623, 624, 625–626, 627, 631
public libraries, 558–559
Visby, Sweden, 555
Worcester library and history center, UK, 536, 538–539
Community college libraries, **569–580, 581–595**
Compression, file, 354
Conference calls, 113
Conference of European National Libraries (CENL), 43
Conference proceedings, 67
Configurability
Ontario School Curriculum Resource, 454–455
Open WorldCat program, 445–446
Congress, U.S., 164
Connectivity, digital environment, 186–188
Consortia
Big Deal agreements, 400–406, 410*n*
Borrow Direct, 397–398

DAISY, 422
dual-use libraries, 495
Electronic Information for Libraries, 391
Europe, 344, **359–381**
HALton Information NETwork, 450
India, 344, 467–476, 483
International Internet Preservation Consortium, 69–70
OhioLINK project, 394–395, 399, 402–406, 403*f*, 404*f*, 405*f*, 405*t*, 406–409, 408*f*
Ontario School Curriculum Resource, 448–460
resource sharing innovation, 382–383
United Kingdom, 419
ViewPoints Project, 407
See also Cooperation and collaboration
Consortium of Health Independent Libraries (CHILL, UK), 368
Consortium of Research Libraries (CURL, UK), 368
Consultative Committee for Space Data Systems, 14*n*
Consumer health information, 607–617
Content creation
digital preservation considerations, 145
digitization projects, 387–388
National Science Digital Library, 310
Ontario School Curriculum Resource, 454
Content versioning, 12
Context
decontextualization of digital content, 31
hyperlinks in Web sites, 73
libraries and digital preservation, 1
Contract negotiations
Eduserv Chest, 368–369
Electronic Information for Libraries, 375
European consortia, 371–374
Indian consortia, 469, 472–473, 474–475
Joint Information Systems Committee, UK, 369, 370–371
Koninklijke Bibliotheek, 44–45
Conversion, file formats
British Broadcasting Co., 22, 28
electronic document exchange, 348
vs. emulation, 36
Global Digital Format Registry, 128, 129, 130*f*, 131*f*
Massachusetts Institute of Technology Libraries, 9
prototype preservation environments, 145
Universal Virtual Computer, 37*f*
Cooperation and collaboration
children, 186–188, 204, 294
digital preservation, 38–40, 43, 60, 106, 108
European consortia, 360, 371–374, 378
expenditure effectiveness, **394–410**
International Internet Preservation Consortium, 69–70
National Digital Information Infrastructure and Preservation Program, **163–172**
National Electronic Library Program, Finland, 362
National Library of Australia, 64
Ontario School Curriculum Resource, 455–460
Open WorldCat project, 434–436, 446
Persistent Archive Testbed, 160
PREMIS working group, 112–113
publishing companies, 390
resource sharing standards, 385
See also Consortia; Dual-use libraries; Library resource sharing
Copies, multiple, 159
Copyright and patent issues
electronic content, 8
users with print disabilities, 415–416
Costs and budget
digital preservation, 52, 61, 62, 79–80, 106, 150–151
dual-use libraries, 503, 540–541, 574, 591
European consortia, 376, 377, 378
expenditure effectiveness, **394–410**
Hellenic Academic Libraries Link, 363
Indian consortia, 467–468, 469, 472–473
Indian libraries, 464, 480

Costs and budget (*continued*)
Information Age Town project, 272
Joint Information Systems Committee, UK, 370
National Electronic Information Consortium, Russia, 365
postal service subsidies, 422
See also Funding
Council of Scientific and Industrial Research Consortium (CSIR), 471–473
Counting Online Usage of Networked Electronic Resources (COUNTER), 385
Counting to Tar Beach (Ringgold), 254
County Clare, Ireland, 279
Course materials, 8
Crawlers, Web content gathering, 74, 76, 78, 83–86, 86*f*, 87*f*
Crime, 187–188
Critical Success Factors Method (CSF), 509–510, 511–513, 513*t*
Crossref service, 388
Cuil Exemplars in Digital Archives (CEDARS), 92
Cultural materials. *See* Heritage and culture, digital
Curricula
informal learning, 230, 236, 237
Information Age Town project, 272, 277, 278–281, 282
Ontario School Curriculum Resource, 344, 448–449
Cybercrime, 187–188
Cyberkids, 179

D
DAISY Consortium, 422
Damaged books. *See* Missing, damaged, or incomplete materials
Data dictionary, PREMIS project, 121–123, 122*f*, 123*n*
Data entry, 455
Data grids, 146–149, 147*f*, 150*f*, 151–152
Data loss and recovery, 96
Databases
Combined Higher Education Software Team, UK, 369
digitization projects, 391
health information, 602, 608–609, 617*t*
interface design, 308
metadata, 314*n*
Ph.D. theses, India, 475
relational, 11
remote access software, 385–386
Day, Michael, 92
Deep Web preservation, 81
Defamatory materials, 18
Defence Research and Development Organization (DRDO, India), 478
Defence Scientific Information and Documentation Centre (DESIDOC, India), 478
Defense industry, India, 478
Definitions
access, 188
community informatics, 268
community-school libraries, 621
connectivity, 186
document delivery systems, 347
dual-use libraries, 488–489
focus groups, 322
Global Digital Format Registry, 125
informal learning, 229–230
information behavior, 179
interactivity, 183
libraries, 550–552
metadata representation, 304, 314*n*
provenance, 119
sambibliotek, 566*n*
Demographics
dual-use library users, 490, 493, 529
India, 463
Maphotla, South Africa, 625–626, 629
Dempsey, Lorcan, 92
Denmark
Book House interface, 307–308
Nordic consortia, 372
Royal Library of Denmark, 59–60
Deposit libraries
British Broadcasting Co., 18–19
digital preservation, 57, 58
Koninklijke Bibliotheek, 40
National Library of Australia, 64
Networked European Depository Library, 43
Depot voor Nederlandse Electronische Publicaties (DNEP), 43
Derby library, UK, 530
Developing Library Network (DELNET, India), 479

Development, children. *See* Child development
Diffuse Project, 132
Digital archiving. *See* Digital preservation
Digital cameras, 278
Digital Divide, 414
Digital Information Archiving System (DIAS), 33–34, 45–52, 46*f*, 47*f*
Digital libraries
  ARTEMIS Digital Library, 311–312, 338
  Canadian Initiative on Digital Libraries, 459
  children's response to, **245–265,** 309–310
  dual-use libraries, 486
  Indian National Digital Library in Science and Technology, 468–471
  Information Age Town project, Ireland, 282
  International Children's Digital Library, 205
  National Electronic Library for Health, UK, 601
  National Electronic Library Program, Finland, 360–362
  OhioLINK project, 406–409
  Ontario Digital Library, 456–457
Digital Library Federation (DLF), 13–14, 125, 133, 133*t*, 141
Digital Media Center (OhioLINK), 407
Digital preservation, **1–172**
  British Broadcasting Co., **16–32**
  collections variety, **6–15**
  Global Digital Format Registry, **125–143**
  heritage libraries, **57–71**
  Koninklijke Bibliotheek, **33–56**
  methodology comparison, **72–90**
  National Digital Information Infrastructure and Preservation Program, **163–172**
  National Library of New Zealand, **91–110,** 102*f*, 104*f*
  prototype environments, **144–162**
  system design, 126*f*
Digital reference. *See* Reference services
Digital resources
  children's use of, **173–177, 178–196,** 202, **286–302, 303–317**
  digitization projects, 387–388
  Electronic Information for Libraries, 375
  Joint Information Systems Committee, UK, 370
  National Electronic Information Consortium, Russia, 366–367
  National Electronic Library Program, Finland, 362
  resource sharing networks, 344
  UK consortia, 368–370
Digital talking books, 422
Digitization projects
  American Memory project, 458
  Canadian Initiative on Digital Libraries, 459, 460
  journal databases, 391
  search engines, 387–388
  users with print disabilities, 414
Disability Discrimination Act of 1995 (UK), 415
Disabled users, 344, **411–429**
Discourse analysis, 216–217
Dissemination Information Packages (DIP), 128–129
Dissertations, 407, 408*f*
Distributed processing. *See* Networked environment
Diversity issues, 413–414
DOCLINE system (NLM), 609, 610
Doctors, 598
Document delivery networks, 344, 346–347, 351, 476–479
Documentation
  Global Digital Format Registry, 138
  Web portal help files, 335
Domain preservation, 61–63, 75–76
Drehmer, U., 556
Dresang, Eliza T., 182
Druin, Allison, 186, 323
DSpace project, 2, 7, 9–13, 153
Dual-use libraries, **485–487, 488–500,** 514*t*
  communities, **519–534**
  evaluation of, **501–518**
  health libraries, **596–606, 607–619**
  personnel issues, **581–595**
  South Africa, **620–639**
  strategic alliances, **535–548**
  Sweden, **549–568**
Dublin Core standard, 29
Dutch Publishers Association, 41

Dwyer, J., 516
Dynamic Web sites
  British Broadcasting Co., 21–22
  digital preservation, 59, 66
Dynix systems, 575

E
E-books
  International Children's Digital Library, 205, 247–252
  Project Gutenburg, 409*n*
E-content. *See* Digital resources
e-Depot (Koninklijke Bibliotheek system), 49–52, 50*f*, 51*f*
E-journals. *See* Electronic journals; Journals
EBSCO Publishing, 391
EDEN (Electronic Document Exchange Network), 344, **346–358**
Education and teaching
  children and Web portal design, 324, 336
  homework assistance, 209–210, 211–223
  informal education, **228–244**
  Information Age Town project, **266–285,** 274*f*, 276*t*
  library as classroom, 526
  medical, 597–599
  Ontario School Curriculum Resource, 449
  South Africa, 625, 631, 632
  Sweden, 555
  teacher-librarians, 491, 626, 634
  users with print disabilities, 413, 416, 418, 424
  writing skills, 184
  See also Classroom activities
Educational Broadcasting Corp., 167–168
Eduserv Chest, 368–369
eIFL (Electronic Information for Libraries), 371, 374–376, 375*t*, 390–391
Eircom, 267
Elections, political, 75, 82, 83*t*, 84*f*, 85*f*, 86*f*, 87*f*
Electronic commerce, 445
Electronic Document Exchange Network (EDEN), 344, **346–358**
Electronic Journal Center (OhioLINK), 403*f*, 404*f*, 405*f*, 405*t*
Electronic journals
  Big Deal consortia agreements, 400–406, 403*f*, 404*f*, 405*f*, 405*t*, 410*n*
  Crossref service, 388
  European consortia, 378
  EzProxy software, 385–386
  health information, 602, 614–615
  Hellenic Academic Libraries Link, 363–364
  Indian consortia, 469, 470, 472, 474–475, 476
  Nordic consortia, 372–373
Electronic publishing
  academic journals, 33, 34–35
  British Broadcasting Co., 21, 30
  colleges and universities, 8
  heritage collections, 58
  Internet volume, 6–7, 66, 72–73
Electronic Theses and Dissertations Center (OhioLINK), 407, 408*f*
Elements of Writing About a Literary Work, 253, 265*t*
Elsevier
  digitization projects, 391
  journal publishing, 34
  Koninklijke Bibliotheek partnership, 41
Email
  PREMIS working group survey, 114
  virtual reference, 213
Emory University, 168
Emotional Design (Norman), 199
Emotions and feelings
  child development, 296–297
  children's books, 252, 254–255, 256*t*, 259
  See also Affective paradigm
Employee benefits, 542, 586, 587
Empowering the Learning Community (report), 537–538
Emulation, file formats
  DSpace project, 12
  Global Digital Format Registry, 129–130, 130*f*
  Koninklijke Bibliotheek, 36
  Legal and Historical Internet Archive System (BBC), 28
  Universal Virtual Computer, 37*f*
Encryption, 356

England. *See* United Kingdom
English language
  English as a second language programs, 515
  Web portal design, 337
Ennis, Ireland, **266–285**
Entertainment and recreation
  Ardnamurchan school, Scotland, 532
  children and Web portal design, 324
  reading, 245–246
Environmental influences on children, 290–291
Erickson, E., 288
Essex, UK, 530
Europe
  library consortia, 344, **359–381**
  Networked European Depository Library, 43
European Commission
  digital preservation initiatives, 37, 39
  Information Society Technologies Programme, 132
Evaluation. *See* Assessment and review
Event-based collections, 82, 87
Excellence in Science, Technology, and Mathematics Education Week (ESTME), 231–232
Extended schools concept (UK), 523, 533*n*
EzProxy software, 385–386

F
Facilities. *See* Library buildings
Fairclough, N., 217
Farmers, 512, 513*t*, 514*t*
Feelings. *See* Emotions and feelings
File structure and names
  digital preservation system design, 146, 147–149, 152
  Legal and Historical Internet Archive System (BBC), 25
  PREMIS project, 117
File transfer, 348–349, 350–351, 352, 354–357
Filestreams (PREMIS project), 117–118
"Find in a Library" program (OCLC), 437*f*, 439–443, 440*f*, 441*f*, 442*f*, 443*f*
Finland
  FinELib (National Electronic Library Program), 360–362, 363*t*, 377
  Nordic consortia, 372
First Class groupware, 280
Fixity (PREMIS project), 120*f*
Florida
  Broward County, 571
  dual-use libraries, 521
  West St. Petersburg Community Library, FL, 581–594
Focus groups
  Open WorldCat project, 434
  Web portal design project, 322
Fonts (Web portal design), 328–329
Formative evaluations, 508
Formats
  British Broadcasting Co. content, 17, 23, 30–31
  DSpace project, 10
  electronic document exchange, 348–349
  electronic vs. print content, 35–36, 467–468
  Global Digital Format Registry (GDFR), **125–143,** 137*t*
  heritage collections, 57–58, 63–64, 164, 169
  Joint Information Systems Committee, UK, 370
  PREMIS project, 116
  preservation metadata model, 98*f*
  standards, 7, 8–9
  users with print disabilities, 415, 417–418, 425–426
France
  Bibliothèque Nationale de France, 3, 59, 82–87, 84*f*, 85*f*
FRBR (Functional Requirements for Bibliographic Records), 439
Fred (Format Registry Demonstrator), 141
French language
  Web portal design, 337
Front Range Community College, CO, 569–579
Frustration and confusion
  children and digital resources, 201, 297
  dual-use library users, 490, 527
  virtual reference, 220
FTP (File Transfer Protocol), 349
Funding
  College Hill Library, CO, 570, 574
  digital preservation projects, 52–53, 97–98

Funding (*continued*)
dual-use libraries, 489, 540, 541
European consortia, 376–377
Global Digital Format Registry, 140–141
Indian libraries, 464, 482
library cooperation, 458
National Digital Information Infrastructure and Preservation Program, 164
National Electronic Information Consortium, Russia, 365
National Electronic Library Program, Finland, 360–361
National Health Service libraries, UK, 600
Ontario School Curriculum Resource, 450–453
South African community-school library, 622, 627, 629
West St. Petersburg Community Library, FL, 591
See also Costs and budget
Funding agencies
dual-use libraries, 540
grant applications, 451
Furnishings, library, 590

G
Games, Web portals, 337–338
Garrett, John, 91–92, 108
Gender issues, 182, 187
Generic Electronic Document Interchange (GEDI), 347–348, 350, 352, 354–355, 357
Geospatial information
National Geospatial Digital Archive, 167
North Carolina State University Libraries, 170
Germany
Bücherschatz hyperlink catalog, 307–308
children and digital libraries, 248, 249*t*
Global Digital Format Registry (GDFR), 4, 13–14, **125–143,** 134*f*, 136*t*
Gòmez, C., 556
Google Inc.
digitization projects, 387–388
Open WorldCat project, 435–436, 437, 438*f*
Government publications
National Digital Information Infrastructure and Preservation Program, 167
National Library of Australia, 68
Graesser, A. C., 232
Grant applications, 451
Graphics. *See* Images and visual content
Grateful Med information service (NLM), 609–610
Gray, John, 209
Greece
Hellenic Academic Libraries Link, 362–364, 377, 378
Gross, M., 182
Grounded Theory, 271
"Guidelines for Behavioral Performance of Reference and Information Service Providers" (RUSA), 214

H
HALton Information NETwork (HALINET), 450
Hammerberg, D.D., 184
Handheld hypertext, 183, 184
Härnösand, Sweden, 554, 556–557, 564, 565
Harvard University
Global Digital Format Registry, 133
high-density storage, 399
JHOVE, 14*n*, 101
Haycock, Ken, 504
Hazardous substances, 616
HEAL-Link (Hellenic Academic Libraries Link), 362–364, 365*t*
Health information
children informal learning, 237, 240
Consortium of Health Independent Libraries (CHILL, UK), 368
health libraries, 368, 486, **596–606, 607–619**
Health professionals, 596–605, 607–617
Heery, Rachel, 92
Help files, 335
Helsinki University Library, 360
Heritage and culture collections
American Memory project, 458
British Broadcasting Co., 19, 20

digital preservation, 1, **57–71,** 165–170
Information Age Town project, Ireland, 279
National Digital Information Infrastructure and Preservation Program, 163, 164
National Library of Australia, 63–64, 65
National Library of New Zealand, 92–93, 106, 107
OhioLINK project, 407–408
record of science, 34
Sweden, 561
Worcester library and history center, UK, 536
High-density storage, 399–400
Higher-order thinking skills, 293
Hiring, dual-use libraries, 585–586
Historical information
History Trek portal, 324–326, 325*f*
OhioLINK project, 407–408
Worcester library and history center, UK, 536
History
Azalea Public Branch Library, FL, 582
book storage, 398–399
British Broadcasting Co. Web site, 20–21
children and digital resources, 174, 311
digital resources, 179
dual-use libraries, 485, 521, 551
electronic document exchange, 347–348
Ennis, Ireland, 267, 279
Generic Electronic Document Interchange, 357
Hellenic Academic Libraries Link, 363
heritage materials, 164
Internet, 169
Koninklijke Bibliotheek, 40
librarianship, 558–559, 561, 563
metadata, 91–92
National Electronic Information Consortium, Russia, 366
National Electronic Library Program, Finland, 360
National Health Service Trust libraries, UK, 596–597
National Library of Medicine, 607–608, 610–611
Ontario Digital Library, 456–457
Ontario School Curriculum Resource, 449
Open WorldCat project, 431
print resources, 179–180
scientific journal publishing, 34
Sweden, 550, 554, 556*n*
virtual reference, 212–213
Westminster, CO, 570
History Trek portal, 324–326, 325*f*, 332, 334*f*, 335, 337
Holds, library materials. *See* Requests for materials
Holt, L.E., 182
Homework assistance, 209–210, 211–223
See also Education and teaching
Honduras
children and digital libraries, 248, 249*t*
Horgan, D., 232
Hours of operation, 522, 526, 544, 587, 592–593, 632
HTTP (Hypertext Transfer Protocol), 352
Hultén, E., 556
Human-computer interaction
affective paradigm, 198, 199
children and the Web, 200–203
Hyperlinks, 77*f*, 78*f*
content in context, 73
crawlers, 74, 76–77
National Library of Medicine, 615–616, 616*f*
Open WorldCat project, 439, 443

I

IBM Corp., 33–34, 42–43, 44–45, 47
Iceland
Nordic consortia, 372
ICICI Bank Knowledge Park (India), 476
Icons, Web portal design, 329
Idaho
Chippewa Valley High School, 187–188
IEEE (Institute of Electrical and Electronics Engineers), 314*n*
ILL. *See* Interlibrary loan

Illinois
Chicago children and digital libraries, 248, 249*t*
Chicago Public Library, 440, 442*f*, 443*f*
Mid-Illinois Talking Book Center, 423
University of Illinois, 169
Illinois State Library Talking Books and Braille service, 423
Images and visual content
Art and Architecture Digital Media (OhioLINK), 408
Ask Jeeves for Kids, 331*f*
children's resources, 183–184, 204–205, 260–261, 289, 291, 292, 293, 295, 296, 326–329, 337–338
classroom photographs, 278
electronic publishing, 8
geospatial information, 167
History Trek portal, 325*f*
International Children's Digital Library, 250*f*
KidsClick interface, 329*f*
Lycos Zone, 328*f*
Science Digital Media (OhioLINK), 408
Tagged Image File Format, 132
Yahooligans!, 330*f*
IMLS (Institute of Museum and Library Services), 171
Implementation, systems
Electronic Document Exchange Network, 350, 352, 355
Global Digital Format Registry, 140
Koninklijke Bibliotheek project, 52
metadata decisions, 97
PREMIS working group, 114–115, 123
Implementing Preservation Repositories for Digital Materials: Current Practices and Emerging Trends in the Cultural Heritage Community (report), 114
Imposed queries, 230
Incomplete preservation. *See* Missing, damaged, or incomplete materials
Indexing and indexes
children's resources, 305
MEDLINE, 608–609
India
library resource sharing, 344, **463–484**
Indian Council for Social Science Research (ICSSR), 477
Indian National Digital Library in Science and Technology (INDEST), 468–471
Indian Parliament Library, 483
Inductive analysis, 232–233, 241
Information Age Town project, Ireland, **266–285,** 271*t*
Information and Library Network (INFLIBNET, India), 474–475, 478–479
Information desks, 588
Information Institute of Syracuse, 231–232
Information literacy
children, 181, 239–240, 287
health libraries, 598, 603–604
lifelong learning, 524
school library goals, 513*t*
South African community-school library, 634
Web literacy, 184
Information loss. *See* Missing, damaged, or incomplete materials
Information seeking behavior
children, 174–175, **178–196, 197–208,** 230, 286, 288–289, 304, 305–313, 319
health information, 613–614, 615*t*
Open WorldCat project, 442–445
teenagers, 223, 227
Information Seeking Process model, 199, 206
Information services companies, 390–391
Information skills. *See* Information literacy
Information Society Technologies (IST) Programme, 132
Infotrieve Inc., 386
Infrastructure independence, 145–146, 147*f*
Ingenta Institute, 410*n*
iNQ browser, 154
Inquiry-based learning, 277
Institute of Electrical and Electronics Engineers (IEEE), 314*n*
Institute of Museum and Library Services (IMLS), 171
Instructional design, 239–240
Integrated library systems (ILS), 383
Interactive communication technology (ICT), 228–229

Interactivity
ARTEMIS Digital Library, 338
children and digital resources, 183–184, 293
Web portal design, 336
See also Chat rooms and message boards
Interlibrary loan (ILL)
Electronic Document Exchange Network, 352
National Library of Medicine, 608, 609
OhioLINK project, 395–398
OpenILL Cooperative, 346, 349
International Children's Digital Library (ICDL), 205, 247–252, 250*f*, 262, 309
International Coalition of Library Consortia (ICOLC), 371
International Internet Preservation Consortium (IIPC), 69–70
International issues
children and digital libraries, **245–265**
digital preservation, 39–40, 59–60
International Internet Preservation Consortium, 69–70
library consortia, **359–381**
print disabled users, 344
Internet and World Wide Web
children's use of, 200–203, 303, 318–319
document delivery systems, 346–347, 350
health information, 610
history preservation, 169
metadata, 308
Open WorldCat project, 433
publishing volume, 6–7
resource sharing innovation, 387–389
teenager access, 211, 212–213, 223–224
users with print disabilities, 414
Web literacy, 184
See also Web sites
Internet Archive
collection volume, 190
coverage comparison, 84*f*, 85*f*
whole domain preservation, 63, 82–87
Interoperability, 348, 352
Interviews
Critical Success Factors Method, 511–513
Information Age Town project, 270, 271*t*
Web portal design project, 321–322
Ireland, Information Age Town, **266–285**
ISO standards, 349
Iterative standard development, 350

J
J-Gate Custom Content for Consortium (JCCC), 469–470
Joint Information Systems Committee (JISC, UK), 369–371
Joint-use libraries. *See* Dual-use libraries
Jones, Patrick, 210
Journalists
Poynder, Richard, 35
Journals
academic, 33
Council of Scientific and Industrial Research Consortium, 472
Koninklijke Bibliotheek project, 41
See also Electronic journals
JSTOR Harvard Object Validation Environment (JHOVE), 14*n*, 101

K
KB. *See* Koninklijke Bibliotheek
Kenney, Anne, 94
Kepler workflow system, 153
Keyword searching
children and the Web, 205, 332–333
Google, 438*f*
Information Age Town project, 271
Open WorldCat project, 437–438, 442, 444*t*
search-generated keywords, 311–312
KidsClick interface, 308, 329*f*
King Library (San Jose, CA), 502, 505, 540–541, 542, 543, 544, 545, 546
Knowledge
anomalous state of, 197–198
children and digital resources, 291
theories of librarianship, 551, 558
Koninklijke Bibliotheek (KB), 2, **33–56,** 60
Kuhlthau, C.C., 198, 206, 223
Kulturarw3 (archiving project), 80

L
Laboratories, information, 471–473
Lang, K., 232
Languages
  children and digital resources, 257, 292
  digital videos, 407
  European consortia, 359
  Information Age Town project, 277, 284*n*
  International Children's Digital Library, 248–250
  language instruction, 515
  metadata representation, 304–305
  Web portal design, 337
Leadership
  dual-use libraries, 583–584, 587, 590
  library cooperation, 458
Learning
  affective paradigm, 198
  children and technology, 287, 288, 289–290, 292, 305
  formal vs. informal, 229–231
  Information Age Town project, 273, 277
  learning disabilities, 414
  lifelong learning, 523–524
Learning Object Metadata (LOM), 314*n*
Legal and Historical Internet Archive System (BBC), 19, 22–30
Legal Deposit Libraries Act of 2003 (UK), 18–19
Legal issues
  British Broadcasting Co., 17–19, 24, 28
  dual-use library agreements, 494, 503, 505–506, 585–586
  electronic content, 8
  National Electronic Information Consortium, Russia, 366
  See also Service agreements
Legislation
  Americans with Disabilities Act of 1990, 415
  Broadcasting Act of 1996 (UK), 17
  Canadian Charter of Rights and Freedoms, 415
  Children's Internet Protection Act (1999), 190
  Communications Act (2003, UK), 17
  Disability Discrimination Act of 1995 (UK), 415
  Legal Deposit Libraries Act of 2003 (UK), 18–19
  National Digital Information Infrastructure and Preservation Program, 164
  national library, New Zealand, 92–93
  Rehabilitation Act of 1973, 415
  South African community-school libraries, 622
  Special Educational Need and Disability Act (2001, UK), 415
Leutner, D., 297
Liability, legal, 18
Librarians
  Billings, John Shaw, 607–608
  College Hill Library, CO, 575
  dual-use libraries, 495–496, 504, 510, 517, 542
  electronic journals use, 402
  health information, 609
  online reference, **209–227,** 216*t*, 241–242
  Sears, Minnie Earl, 311
  South African community-school library, 626
  teacher-librarians, 491, 626, 634
  users with print disabilities, 413–414, 424
  West St. Petersburg Community Library, FL, 585–586, 588–589, 590
Librarianship, 549, 550–553, 558–565
Libraries and Archives Canada (LAC), 458–459
Library boards of directors, 494, 624, 632, 636
Library buildings
  book storage, 398–400
  College Hill Library, CO, 572–574, 576
  dual-use libraries, 494–495, 522–523, 528
  South African community-school library, 626, 627, 637
  Worcester, UK, 538–539
Library cards, 480–481
Library design, 526, 531, 532, 573, 588, 589–590

Library Information Network for Community Colleges (LINCC), 593
Library Networks in the New Millennium: Top Ten Trends (Hyman), 383
Library of Congress
American Memory project, 458
Annotated Card program, 311, 314*n*
digital preservation, 59
Metadata Objects Description Schema, 314*n*
National Digital Information Infrastructure and Preservation Program, **163–172**
National Library Service for the Blind and Physically Handicapped, 417, 420
Library policies, 494, 506, 594
Library resource sharing, 343–345, **382–393**
Electronic Document Exchange Network, **346–358**
European consortia, **359–381**
expenditure effectiveness, **394–410**
India, **463–484**
Ontario School Curriculum Resource, **448–462**
users with print disabilities, **411–429**
See also Cooperation and collaboration
Licensing agreements
Combined Higher Education Software Team, UK, 369
European consortia, 371–374, 376–377, 378
Hellenic Academic Libraries Link, 364
Joint Information Systems Committee, UK, 369, 370–371
National Electronic Information Consortium, Russia, 366
Lichfield library, UK, 542
Lifelong learning, 230, 523–524
Ligue des Bibliothèques Européennes de Recherche (LIBER), 371
Linguists, 304
Linking. *See* Hyperlinks
Literacy. *See* Reading and literacy
Literary transactions, 246–247
Live Homework Help service, 209–210, 213–214
Loansome Doc software, 610
Local branding, 449–450, 454–455
Local governments, 170–171
LOCKSS project, 14*n*
Logical storage systems, 147–149
Lorie, Raymond, 36
Lycos Zone, 328*f*
Lynch, Clifford, 119

M
Mail. *See* Postal service
Management Libraries Network (MANLIBNET, India), 471, 480–481
Manifestations (FRBR), 439, 441*f*
Maori language, 109*n*
Maphotla, South Africa, 620, 628, 629–630
MARC (Machine-Readable Cataloging) standard, 384
March, J.G., 560
Martin Luther King, Jr. Library. *See* King Library (San Jose, CA)
Maryland
University of Maryland, 158*f*, 159, 169
Mascots, Web interface design, 330–331, 336
Massachusetts
Harvard University, 14*n*, 101, 133, 399
WGBH Boston, 168
Massachusetts Institute of Technology
Affective Computing Research Group, 199
Libraries and Archives, 2, 7, 9–14, 153
McGinty, Celia, 187–188
Medical libraries, 368, 486, **596–606, 607–619**
Medical professionals, 596–605, 607–617
MEDLINE index, 608–609
MEDLINE/PubMed, 611, 612–614, 613*t*, 614*t*, 615*t*, 616*f*
MedlinePlus.gov, 611–617, 613*t*, 614*t*, 615*t*, 616*f*
Men Are from Mars, Women Are from Venus: The Classic Guide to Understanding the Opposite Sex (Gray), 209
MeSH (Medical Subject Headings), 616
Message boards. *See* Chat rooms and message boards
MetaArchive of Southern Digital Culture, 168

Metadata
children's resources, **303–317**
DSpace project, 11
electronic document exchange, 354–355
Global Digital Format Registry, 13–14, 128, 131–141, 136*t*, 137*t*, 138*t*
Koninklijke Bibliotheek, 48
Legal and Historical Internet Archive System (BBC), 29–30
National Library of Australia, 68
National Library of New Zealand, **91–110,** 98*f*, 100*f*
Open WorldCat project, 439
preservation metadata, 3, 145, 150*f*
Preservation Metadata Implementation Strategies, **111–124**
Standard Media Exchange Framework, 26
Storage Resource Broker initiative, 13
technical metadata, 4
Metadata Encoding and Transmission Standard (METS), 123
A Metadata Framework to Support the Preservation of Digital Objects (report), 112
Metadata Objects Description Schema (MODS), 314*n*
Metaphors, Web interface design, 326
Methodology
children and digital libraries, 247–248, 249*t*, 251–257, 259, 260
digital preservation selection, 59–60, 61–63, **72–90,** 79*f*
dual-use library evaluation, 506–507, 508, 509–510, 511–513
dual-use library field study, 582–583, 621
Information Age Town project, 268–271, 269*t*
PREMIS working group, 115–116
preservation metadata, 94, 99–103, 100*f*
virtual reference research, 214–221, 231–238, 241
Web portal design, 320–323
Meyers, M., 210
Michigan. *See* University of Michigan
Mid-Illinois Talking Book Center, 423
MIME (Multipurpose Internet Mail Extensions), 132
Missing, damaged, or incomplete materials
digital preservation, 62, 129, 157–158, 157*t*
Indian libraries, 481
Legal and Historical Internet Archive System (BBC), 26
metadata, 96, 107
Mission and charter
British Broadcasting Co., 20
Canadian Initiative on Digital Libraries, 459
dual-use libraries, 489, 556
Joint Information Systems Committee, UK, 369
Libraries and Archives Canada, 458–459
National Information System in Science and Technology, 465
National Library of New Zealand, 92–93
Ontario School Curriculum Resource, 451
Open WorldCat project, 431
PREMIS working group, 112
Sambiblioteket, Sweden, 564
University of Worcester, 538
Missouri
St. Louis Public Library, 182, 186–187, 189
MIT. *See* Massachusetts Institute of Technology
Models
digital preservation system design, 46*f*, 47*f*
dual-use libraries, 638
Information Seeking Process, 199, 206
preservation metadata, 94, 98*f*, 116–119, 120*f*, 121*f*, 122*f*, 135–140
Modular system design, 353–354
Montgomery School System, VA, 268, 274
Mortality, 238
Motor skills, 290
Mouse (computer controllers), 290
Moving Theory into Practice: Digital Imaging for Libraries and Archives (Kenney and Reiger), 94
Mpumalanga, South Africa, 620, 628–629

Multimedia content, 8
See also Audio and sound content; Images and visual content; Video
Music, traditional Irish, 279

N
Names, Web portals, 329–330
National Archives and Records Administration (NARA), 144, 158*f*
National Association for the Education of Young Children (NAEYC), 287
National Bibliographic Database (NBD), 68
National Core Content Collection (UK), 602
National Digital Information Infrastructure and Preservation Program (NDIIPP), 4, 133, **163–172**
National Electronic Information Consortium (NEICON, Russia), 364–367, 365*t*, 373
National Electronic Library for Health (NeLH, UK), 601
National Electronic Library Interface (Nelli), 362
National Geospatial Digital Archive (NGDA), 167
National Health Service Trust libraries (NHS, UK), 596–605
National Information System in Science and Technology (NISSAT), 465–467
National Institute of Rural Development (NIRD, India), 478
National Institute of Science Communication and Information Resources (NISCAIR, India), 477
National Institute of Small Industries Extension and Training Institute (NISIET, India), 477–478
National libraries
  Conference of European National Libraries, 43
  digital preservation, 2–3, 57, 59–60, 62
  Indian National Digital Library in Science and Technology, 468–471
  International Internet Preservation Consortium, 69–70
  Koninklijke Bibliotheek, 33–53
  Libraries and Archives Canada, 458–459
  National Electronic Library for Health, UK, 601
  National Electronic Library Program, Finland, 360–362
  National Science Library of India, 477
  Nordic consortia, 372
National Library of Australia, 2–3, 63–68
National Library of Medicine (NLM), **607–619,** 617*t*
National Library of New Zealand (NLNZ), 3, **91–110**
National Library of the Netherlands. *See* Koninklijke Bibliotheek (KB)
National Library Service for the Blind and Physically Handicapped (NLS), 417, 420
National Science Digital Library (NSDL), 309–310
National Science Foundation (NSF)
  digital reference service, 231–232
  Division of Informal Science Education, 229
  Storage Resource Broker initiative, 156*t*
National Science Library of India, 477
National Social Science Documentation Centre (NASSDOC, India), 477
Natural disasters, 158
Natural-language searching, 205, 332
Negroponte, Nicholas, 179
Netherlands
  Koninklijke Bibliotheek, 2, 33–53, 60
Networked environment
  College Hill Library, CO, 574–575
  digital preservation resources, 4
  Global Digital Format Registry, 134, 134*f*
  Legal and Historical Internet Archive System (BBC), 27
  Management Libraries Network, India, 471
  persistent archives, 144
  resource sharing innovation, 383
  South African community-school library, 628
  Storage Resource Broker initiative, 13
Networked European Depository Library (NEDLIB), 43, 52
Neuroscience, 191–192

New Directions for Library Service to Young Adults (Jones), 210
New Jersey
  Rutgers University School of Communication, Information and Library Studies, 283
New York
  Information Institute of Syracuse, 231–232
  New York University, 168
  Ramapo Catskill Library System, 308
  Thirteen/WNET, 167–168
New Zealand
  children and digital libraries, 248, 249*t*, 259
  National Library of New Zealand, 3, 91–109
  Upper Riccarton library, 530
News and newspapers, 24
NISO (National Information Standards Organization), 384–385
Nonlinear thinking, children, 184
Nonprofit organizations
  Biblionef, 633–634
  Counting Online Usage of Networked Electronic Resources, 385
  Eduserv Chest, 368–369
  Electronic Information for Libraries, 371, 374–376, 375*t*, 390–391
  Recording for the Blind and Dyslexic, 420
Nonverbal communication, 220–221
Nordic consortia, 372–373, 374
Nordic Web Archive, 62
Norman, D., 199
Normative institutionalism, 549, 559–560
North Carolina State University Libraries, 170
North West Academic Libraries (NoWAL, England), 367
Norway
  dual-use libraries, 527, 531
  Nordic consortia, 372
Nursing education, 597–598
Nvivo software, 271

O
OAI-PMH (Open Archives Initiaitve-Protocol for Metadata Harvesting), 153
OAIS. *See* Open Archival Information System
Observation (research method), 321
Obsolescence, digital formats, 35–36
OCLC (Online Computer Library Center)
  Open WorldCat project, 344–345, 388, **430–447**
  PREMIS working group, 111–112
  Subject Headings for Children, 311
OhioLINK project, 344, 394–395, 402–406, 403*f*, 404*f*, 405*f*, 405*t*, 406–409, 408*f*
Olausson, C., 555–556
Olsen, J.P., 560
Omagh, Northern Ireland, 273
One Place to Look (Ontario Digital Library), 456
Online books. *See* E-books
Online reference. *See* Reference services
Ontario Digital Library (ODL), 456–457
Ontario School Curriculum Resource (OSCR), 344, **448–462**
OPACs
  children's use of, 307–309
  College Hill Library, CO, 575
  "Find in a Library" program (OCLC), 440
  West St. Petersburg Community Library, FL, 593
Open Archival Information System (OAIS), 4
  DSpace project, 11
  Global Digital Format Registry, 125
  Koninklijke Bibliotheek project, 45–46, 46*f*, 52
  NEDLIB project, 43
  PREMIS working group, 112, 115
  reference model, 14*n*
Open Society Institute (OSI), 374, 391
Open source software
  DSpace project, 9, 13
  Electronic Document Exchange Network, 347
  LOCKSS project, 14*n*
  Ontario School Curriculum Resource, 455
  resource sharing innovation, 386–387

Open WorldCat project (OCLC), 344–345, 388, **430–447,** 437*f*, 440*f*, 441*f*, 442*f*, 443*f*, 444*t*, 445*f*
OpenILL Cooperative, 346, 349
Oregon State Library, 417
Outreach. *See* Publicity and outreach

P
PANDORA Project, 2–3, 63–68
Pantaleo, S., 184
Parking, dual-use libraries, 495, 576
Parliamentary elections, 82, 83*t*, 85*f*, 86*f*, 87*f*
Patents. *See* Copyright and patent issues
PBS (Public Broadcasting Service), 168
Pennsylvania
  University of Pennsylvania Library, 141
Permanent access solutions, 36, 37–38, 38*f*
Permanent Access Toolbox for Digital Cultural Heritage (PATCH), 37–38, 53–54*n*
Permanent Access Toolbox (PATbox), 37–38, 38*f*
Persistent Archive Testbed (NARA), 144, 158*f*, 159–160
A Personal Electronic Teller of Stories (PETS), 297
Personalization
  virtual reference services, 221
  Web portal design, 336
Personnel. *See* Librarians; Staff, library
Peters, Guy, 560
Ph.D. theses, 475
Photographs, classroom, 278
Physiology, 191–192
Piaget, J., 288
Picture books, 184
Pilot projects and trials
  Commonwealth Government Metadata Pilot Project, 68
  Koninklijke Bibliotheek, 42–43
  PREMIS project, 123
  South African community-school library, **620–639**
  See also Prototypes
Pinnaroo School Community Library (Australia), 506
Planning
  College Hill Library, CO, 570
  dual-use libraries, 493–494, 503–504, 505, 508–509, 513–515, 514*t*, 530, 547
  South African community-school library, 623–624, 630
  West St. Pętersburg Community Library, FL, 590
Play (child development), 290
Polaris system, 593
Politics and political science
  dual-use libraries, 521–522, 538, 551, 559–560, 562, 563, 622, 628
  elections, 75, 82, 83*t*, 84*f*, 85*f*, 86*f*, 87*f*
Poole, H.L., 181
Portree library (Scotland), 520
Postal service
  materials for the blind, 422
  National Library of Medicine materials, 608
Potter, William, 458
Poynder, Richard, 35
Precision and recall, 333–335
PREMIS (Preservation Metadata Implementation Strategies) working group, 3, **111–124,** 120*f*, 121*f*, 122*f*
Preservation and conservation, 391
  See also Digital preservation
Preservation Metadata Framework Working Group, 112
Presidential elections, 82, 83*t*, 84*f*, 86*f*, 87*f*
Principals, school
  dual-use libraries, 495, 511, 628
  Information Age Town project, 275
Principle of Least Effort, 181
Print disabilities, 344, **411–429**
Print materials
  British Broadcasting Co., 17
  children's use of, 202
  design influenced by digital, 179–180, 183–184
  different than electronic, 35, 164
  digitization, 391, 409*n*
  Indian consortia, 467–468
  journal subscriptions, 363, 372–373, 401–402, 403*f*
  National Health Service Trust libraries, 601
  National Library of Australia, 65
  storage, 398–400

Probationary employment, 587–588
Probst, R. E., 246
Programmers, computer, 455
Project CATE (Children's Access to and Use of Computers Evaluation), 182, 186–187, 189
Project Gutenburg, 409*n*
Project management
  Legal and Historical Internet Archive System (BBC), 26–27
  National Digital Information Infrastructure and Preservation Program, 166
  PREMIS working group, 113
PRONOM system (UK National Archives), 132
Prototypes
  Fred (Format Registry Demonstrator), 141
  Open WorldCat project, 434
  preservation environments, **144–162**
  Web portal design project, 323, 339
  See also Pilot projects and trials
Provenance
  definition, 119
  DSpace project metadata, 11
  prototype preservation environments, 145, 149
  trusted digital repositories, 107
Provincial libraries
  Ontario Digital Library (ODL), 456–457
Psychology
  affective paradigm, 197, 198
  children and digital resources, 176
Public and School Libraries: Issues and Options of Joint Use Facilities and Cooperative Use Agreements (California State Library), 505
Public libraries
  Chicago Public Library, 440
  children and digital resources, 193
  Clare County Library, Ireland, 282
  dual-use libraries, 486, 488–498, 502, 510, 511–512, 513*t*, 515–516, 517, **519–534,** 542, 546, 549–565, **569–580, 581–595, 620–639**
  Ontario Digital Library, 456–457
  Ramapo Catskill Library System, NY, 308
  St. Louis Public Library, MO, 182, 186–187, 189
  teenage users, 210, 212
  The Library Cooperative (TLC), 449
  users with print disabilities, 413, 417
Public policy, 521–522, 538, 561–562, 566*n*
Public registries, 131–132, 141
Publications
  Blue Sky (Huseinovic), 254–255
  Building the Information Core, 601
  Counting to Tar Beach (Ringgold), 254
  Emotional Design (Norman), 199
  Library Networks in the New Millennium: Top Ten Trends (Hyman), 383
  Men Are from Mars, Women Are from Venus: The Classic Guide to Understanding the Opposite Sex (Gray), 209
  Moving Theory into Practice: Digital Imaging for Libraries and Archives (Kenney and Reiger), 94
  One Place to Look (Ontario Digital Library), 456
  Public and School Libraries: Issues and Options of Joint Use Facilities and Cooperative Use Agreements (California State Library), 505
  Systematic Evaluation: A Self-Instructional Guide to Theory and Practice, 506
  The 2003 OCLC Environmental Scan: Pattern Recognition (Wilson), 382–383
Publicity and outreach
  dual-use libraries, 529–530, 577, 627, 631
  health libraries, 603
Publishing companies
  archiving, 41–42, 53*n*, 60
  Big Deal consortia agreements, 401
  Elsevier, 34
  resource sharing innovation, 390–391
  users with print disabilities, 419–420, 421, 424
Puppets, Web interface design, 338
Purves, A. C., 247, 253, 265*t*

Q
Quality assurance, 128

R
Radical Change theory, 178, 179–180, 183
Radio, 17
Railroads, 279
Ramapo Catskill Library System, NY, 308
Ratings and evaluations, children's books, 251, 252, 254*t*, 255–256, 256*t*, 257, 258–259, 264
Reader response theory, 246–247, 253, 256–257, 257*t*, 259, 260–261, 265*t*
Reading and literacy
  book design, 184, 185
  children and digital resources, **245–265,** 291, 292, 296
  Maphotla, South Africa, 623, 630, 637
  school library goals, 511, 513*t*, 514*t*
Recall and precision, 333–335
Recording for the Blind and Dyslexic (RFB&D), 420
Recreation. *See* Entertainment and recreation
RedLightGreen union catalog, 388–389
Redundancy, data, 106
Reference and User Services Association (RUSA), 214
Reference interviews, 214, 218–221
Reference services
  children and digital reference, 175, **228–244**
  dual-use libraries, 588–589
  King Library, San Jose, CA, 543, 544
  Open WorldCat project, 444
  resource sharing innovation, 389
  teenagers and online reference, **209–227,** 215*t*, 216*t*
Reference Workstation (RefWS), 54*n*
Regional consortia and networks
  dual-use libraries, 495
  England, 367
  India, 467, 479
  Nordic consortia, 373–374, 375
Regional Medical Library Network (RML), 608
Rehabilitation Act of 1973, 415
Reiger, Oya, 94
Relationships, metadata, 118–119
Remote access
  alternate format materials, 413
  EzProxy software, 385–386
  health libraries, 601, 608
Reports
  British Broadcasting Co., 20
  Empowering the Learning Community, 537–538
  Implementing Preservation Repositories for Digital Materials: Current Practices and Emerging Trends in the Cultural Heritage Community, 114
  Legal and Historical Internet Archive System (BBC), 28
  A Metadata Framework to Support the Preservation of Digital Objects, 112
  National Health Service Trust, UK, 599
  National Library of Australia, 106
  National Library of New Zealand, 106
  PREMIS project, 121–122
  preservation metadata, 91–92
  Users First: Removing Barriers to Knowledge Access Across HE and the NHS, 602
  See also Annual reports
Representation information. *See* Metadata
Requests for materials
  National Library of Medicine, 608, 609, 610
  OhioLINK project, 396–397, 400
Requests for proposals, 165
Research
  affective paradigm, 198–203
  children and digital libraries, 246–260, 249*t*
  children informal learning, 229, 231–242
  children information seeking, 178–193, 305–312
  circulation statistics, 395–396
  Consortium of Research Libraries, UK, 368
  Council of Scientific and Industrial Research Consortium, India, 471–473
  dual-use libraries, 491–492, 493, 496–497, 505, 530, 542, 621
  health libraries, 598
  Information Age Town project, 268–282, 269*t*
  Open WorldCat project, 432–436
  Radical Change theory, 178
  virtual reference, 212–221
  Web interface design, 319–320, 337–338

Research libraries. *See* Academic libraries
Research Libraries Group (RLG)
  Ariel software, 347
  PREMIS working group, 111–112
  RedLightGreen union catalog, 388–389
Researchers
  Agarwal, P., 467, 468
  Amey, Larry, 506
  Arora, J., 467, 468
  Astleitner, H., 297
  Berge, Z.L., 274
  Bilal, Dania, 181, 183, 320, 322
  Blair, D., 304
  Braun, Linda, 211
  Collins, M.P., 274
  Day, Michael, 92
  Dempsey, Lorcan, 92
  Drehmer, U., 556
  Dresang, Eliza T., 182
  Druin, Allison, 186, 323
  Dwyer, J., 516
  Erickson, E., 288
  Fairclough, N., 217
  Garrett, John, 91–92, 108
  Gòmez, C., 556
  Graesser, A.C., 232
  Gross, M., 182
  Hammerberg, D.D., 184
  Haycock, Ken, 504
  Heery, Rachel, 92
  Holt, L.E., 182
  Horgan, D., 232
  Hultén, E., 556
  Jones, Patrick, 210
  Kenney, Anne, 94
  Kuhlthau, C.C., 198, 206, 223
  Lang, K., 232
  Leutner, D., 297
  Lorie, Raymond, 36
  Lynch, Clifford, 119
  March, J.G., 560
  Meyers, M., 210
  Negroponte, Nicholas, 179
  Norman, D., 199
  Olausson, C., 555–556
  Olsen, J.P., 560
  Pantaleo, S., 184
  Peters, Guy, 560
  Piaget, J., 288
  Poole, H.L., 181
  Potter, William, 458
  Probst, R.E., 246
  Purves, A.C., 247, 253, 265*t*
  Reiger, Oya, 94
  Rippere, A., 253, 265*t*
  Shera, Jesse, 551, 558
  Shinkfield, A., 506
  Stufflebeam, D., 506
  Todd, R.J., 181
  Vandergrift, K.E., 247
  Walter, V.A., 210
  Waters, Donald, 91–92, 108
  Watson, J.S., 200
Researchers Requirements Working Group (IIPC), 69–70
Resource Description Framework (RDF), 11
Restricted access. *See* Access issues
Results display (Web portals), 333–335, 334*f*, 438*f*, 439, 441*f*, 442*f*, 443*f*
Reusable content, 24
Revealweb (UK), 420–421
Rippere, A., 253, 265*t*
Risk management, 157*t*
Royal Library of Denmark, 59–60
Rural communities
  dual-use libraries, 493, 512
  India, 478
  Information Age Town project, 267–268
  South African community-school library, **620–639**
  Sweden, 554
Russia
  NEICON (National Electronic Information Consortium), 364–367, 373, 377
Rutgers University School of Communication, Information and Library Studies, 283

S
Salaries, library, 587
Sambibliotek, 566*n*
Sambiblioteket, Sweden, 554, 556–557, 564, 565
San Diego Supercomputer Center (SDSC)
  prototype preservation environments, 144
  Storage Resource Broker initiative, 13, 155, 156*t*, 157, 157*t*, 158*t*, 159

San Jose Public Library. *See* King Library (San Jose, CA)
San Jose State University Library. *See* King Library (San Jose, CA)
Scalability
  Electronic Document Exchange Network, 352
  Storage Resource Broker initiative, 155, 156*t*
Scheduling, library staff, 588–589, 592–593
School-housed public libraries, 490, 495, 502, 510, 515, 531
  access issues, 526
  Australia, 506, 521
  Portree library, Scotland, 520
  Sweden, 550
  United Kingdom, 522, 523, 525–526
School libraries
  Azalea Public Branch Library, FL, 582, 586–587
  dual-use libraries, 486–487, 488–498, 502, 510–511, 516, 537
  goals, 511, 513*t*
  Information Age Town project, Ireland, 282
  Ontario Digital Library, 457
  South African community-school library, **620–639**
School Register of Needs Survey, South Africa, 624–625
Schools
  dual-use libraries, 490–491, 528, 586
  Information Age Town project, 267, 270, 272–283
  South Africa, 624–625, 635
Scientific information
  children and reference service, 231–238
  Council of Scientific and Industrial Research Consortium, India, 471–473
  Defence Scientific Information and Documentation Centre, India, 478
  electronic publishing, 8, 34
  Indian National Digital Library in Science and Technology, 468–471
  Information Age Town project, Ireland, 280
  National Electronic Information Consortium, Russia, 365
  National Information Centres, India, 466–467
  National Institute of Science Communication and Information Resources, India, 477
  Science Digital Media (OhioLINK), 408
  Thomson Web of Science, 391
Scotland
  Ardnamurchan school, 531–532
  Portree library, 520
Search engines. *See* Web portals and search engines
Search-generated keywords, 311–312
Searching techniques
  children, 182, 205, 306–307, 313, 332–333, 335
  college students, 432
  health information, 611, 614–615
  Open WorldCat project, 442–443, 444*t*
  See also Keyword searching
Sears, Minnie Earl, 311
Sears List of Subject Headings, 311
Sectoral Information Centres (SIC, India), 466–467
Security and permissions
  British Broadcasting Co., 24–25
  digital preservation system design, 148, 149
  dual-use libraries, 495, 527
  Electronic Document Exchange Network, 356–357
  Koninklijke Bibliotheek project, 42
  Shibboleth authentication, 389
  Web portal design, 336
  whole domain archives, 62
Sei Chi'mupanze Ane Mhanza (Mbarga, Ndhlovu), 257
Selection process
  Big Deal journal agreements, 402
  digital preservation, 2–3, 59–61, 63, 65, 165–166
  National Electronic Library Program, Finland, 362
  National Library of Australia, 65–67
  See also Collections and collection development
Seminole Community Library, FL, 581
Seniors, 512, 513*t*, 514*t*

Service agreements
National Electronic Library Program, Finland, 361
South African community-school library, 633
See also Legal issues
Share the Vision project, 418
Shelving
dual-use library arrangement, 526, 541, 573, 591
storage savings, 400
Shera, Jesse, 551, 558
Shibboleth authentication, 389
Shinkfield, A., 506
Small Enterprises National Documentation Centre (SENDOC, India), 477–478
Social behavior, 186–187, 294–295
Social science information
heritage collection preservation, 170
National Social Science Documentation Centre, India, 477
Social Sciences Digital Media (OhioLINK), 408
Social Sciences and Humanities Research Council (Canada), 339
Software
Ariel, 347, 386
EzProxy, 385–386
First Class, 280
Loansome Doc, 610
Nvivo, 271
Ontario School Curriculum Resource, 455
resource sharing innovation, 386–387, 390
virtual reference, 389
See also System development and design
Software licensing
Combined Higher Education Software Team (CHEST, UK), 369
digital preservation, 19–20
Sound files. *See* Audio and sound content
South European Libraries Link (SELL), 373
Southern culture and history, 168
Spanish MedLinePlus, 616
Special Educational Need and Disability Act (2001, UK), 415
Special needs children, 277–278
Spelling skills, 332–333
Spiders, Web content gathering, 74
Sports and competitions
Ireland, 275–276
Scotland, 532
St. Louis Public Library, MO, 182, 186–187
St. Petersburg, FL, 581, 584
Staff, library
College Hill Library, CO, 575–576
dual-use libraries, 504, 517, 542–544, 545
European consortia, 377
Koninklijke Bibliotheek, 40
National Library of New Zealand, 105
South African community-school library, 622–623, 626, 627–628
West St. Petersburg Community Library, FL, **581–595**
Staffordshire University, UK, 542
Standard Media Exchange Framework (SMEE), 26
Standards
alternate formats, print disabilities, 421–422
cataloging, 310, 482–483
dual-use libraries, 507–508, 546
Dublin Core, 29
electronic document exchange, 347–352, 357
Elements of Writing About a Literary Work, 253, 265*t*
GDFR, 4
"Guidelines for Behavioral Performance of Reference and Information Service Providers" (RUSA), 214
library resource sharing, 384–386
LOM, 314*n*
METS, 123
MIME, 132
MODS, 314*n*
OAIS, 4, 11, 14*n*, 43, 45–46, 46*f*, 52, 112, 125
Ontario School Curriculum Resource, 453–454
OPA-PMH, 153
preservation metadata, 94, 96–97, 115, 135
RDF, 11
SMEF, 26

TIFF, 132
URI, 74
virtual reference, 389
Web metadata, 308
WSDL, 154
Stanford University
LOCKSS project, 14*n*
National Geospatial Digital Archive, 167
State and University Library, Aarhus, Denmark, 59–60
State governments, 170–171
State libraries
California State Library, 209–210, 213–214
digital preservation collaboration, 171
Illinois State Library, 423
Ontario Digital Library, 457–458
Oregon State Library, 417
Static Web pages, 59
Statistics
book storage, 398–399
children's books research, 256*t*, 257*t*
Electronic Information for Libraries, 375*t*
Electronic Theses and Dissertations Center (OhioLINK), 408*f*
health information searching, 610, 611, 612, 613*t*, 614*t*
Hellenic Academic Libraries Link, 365*t*
Information and Library Network, India, 475
National Electronic Information Consortium, Russia, 365*t*
National Electronic Library Program, Finland, 363*t*
OhioLINK project, 395–396, 403*f*, 404–405, 404*f*, 405*f*, 405*t*, 407
Open WorldCat project, 437*f*, 442–443, 445–446
public library users, 542
South African education, 624–625
Web content preservation, 83–85
Storage area networks (SAN), 27
Storage Resource Broker (SRB) initiative, 13, 155, 156*t*
Storage systems
digital preservation system design, 146–149, 147*f*, 150–151, 152, 155–159, 157*t*
print books, 398–400
Stored searches, 614–615
Storytelling
Information Age Town project, 278
A Personal Electronic Teller of Stories (PETS), 297
Students
children's books, 248
dual-use libraries, 527, 531, 556, 573, 577, 632
homework assistance, 212, 218–221, 222
informal learning, 233–240, 234*f*, 235*f*, 236*f*, 237*f*, 242
Information Age Town project, 274, 277–281
McGinty, Celia, 187–188
medical students, 596–605
Open WorldCat project, 432
print disabilities, 413, 414
Web portal design project, 321–323, 336
Stufflebeam, D., 506
Subject headings. *See* Vocabularies and taxonomies
Submission Information Packages (SIP), 127–128
Subscriptions
Big Deal consortia agreements, 401
Electronic Information for Libraries, 375
Hellenic Academic Libraries Link, 363
Indian consortia, 469, 474–475
Summative evaluations, 507
Surveys
heritage collection preservation, 170
Information Age Town project, Ireland, 270
National Digital Information Infrastructure and Preservation Program, 171
National Library of Medicine, 611, 612–614, 613*t*, 614*t*, 615*t*
Open WorldCat project, 433
PREMIS working group, 114
School Register of Needs Survey, South Africa, 624–625
Sweden
dual-use libraries, 540, **549–568**
Nordic consortia, 372
subject headings for children, 311
Swedish National Library, 62, 80

Syracuse University School of Information Studies, 231–232
System development and design
children and digital resources, 176, 189, **197–208,** 203–205, 239–240, 242, 286, 292–298, 307–308, 309, 314
digital preservation, 4, 126*f*, 146–160, 147*f*, 151*f*
DSpace project, 10, 11, 13
dual-use libraries, 574
Electronic Document Exchange Network, 353–357
Global Digital Format Registry, 134*f*
Koninklijke Bibliotheek, 42–43, 44–46, 46*f*, 47*f*, 48, 48*f*, 50*f*
Legal and Historical Internet Archive System (BBC), 23, 25–27, 29, 31
National Digital Information Infrastructure and Preservation Program, 169
National Library of New Zealand project, 100*f*
Ontario School Curriculum Resource, 453–455
teenagers and library services, 211
Web portals for children, **318–342**
Systematic Evaluation: A Self-Instructional Guide to Theory and Practice, 506

T
Tamworth and Lichfield College, UK, 542
Te Puna Mātauranga o Aotearoa. *See* National Library of New Zealand (NLNZ)
Teaching. *See* Education and teaching
Technical support
Information Age Town project, 275, 283
Koninklijke Bibliotheek project, 49
Legal and Historical Internet Archive System (BBC), 27, 28
National Library of Australia, 64
Technology skills
Canadian Initiative on Digital Libraries, 459–460
children and digital resources, 182, 290
Information Age Town project, 267, 268, 272–273
South African community-school library, 634
Teenagers
dual-use libraries, 527, 589
information seeking, 181
online reference, **209–227**
Television
British Broadcasting Co., 17
Educational Broadcasting Corp., 167–168
Terminology
children and subject headings, 312, 313–314
children's resources, 305
librarianship, 552
search-generated keywords, 311–312
Web portal design, 331
Texas
users with print disabilities, 417
Text messaging, 213
Textbooks
medical education, 600
users with print disabilities, 413
The Library Cooperative (TLC), 449
Thesauri. *See* Vocabularies and taxonomies
Theses
Electronic Theses and Dissertations Center (OhioLINK), 407, 408*f*
Information and Library Network, India, 475
Thirteen/WNET New York, 167–168
Thomson Web of Science, 391
Three-dimensional graphics, 337–338
TIFF (Tagged Image File Format), 132
Timelines, 333
Todd, R.J., 181
Training
children and Web portals, 338
dual-use library staff, 593–594
Indian consortia, 482
Information Age Town project, 268, 273, 274*f*
King Library, San Jose, CA, 543
National Electronic Information Consortium, Russia, 366
South African community-school library, 627–628, 634
users with print disabilities, 423
See also Information literacy
Transcripts
Information Age Town project, 271

virtual reference research, 214, 218–219
Travelers, Ireland, 281, 284*n*
Tribal community, South Africa, 621
Trusted Digital Repository (TDR), 50–51, 107–108
Tutor.com, 209, 213–214
Tutoring services, 209–210, 219–220
The 2003 OCLC Environmental Scan: Pattern Recognition (Wilson), 382–383
Typing skills, 296

U
Uniform Resource Identifiers (URI), 355
Union catalogs
alternative format materials, 420–421
Open WorldCat project, 430, 446
RedLightGreen, 388–389
United Kingdom
academic libraries consortia, 419
Ardnamurchan school, 531–532
Bishop's Park College library, 530
British Broadcasting Co., 16–31
Callington Library, 523
consortia, 367–371, 419
Derby library, 530
Disability Discrimination Act of 1995, 415
dual-use libraries, 485, 521–522
National Archive, 132
National Health Service Trust libraries, 596–605
North West Academic Libraries, 367
Portree library, 520
Revealweb, 420–421
Share the Vision project, 418
Special Educational Need and Disability Act (UK), 415
Worcester library and history center, 535–547
United States Congress, 164
United States Department of Education, Virtual Reference Desk, 231–232, 389
Universal Virtual Computer (UVC), 36, 37*f*, 130–131, 130*f*
Universities. *See* Academic libraries; Colleges and universities
University Grants Commission (UGC, India), 473–475
University of California
California Northern Regional Library Facility, 399–400
National Digital Information Infrastructure and Preservation Program, 166–167
University of California, San Diego, 13
University of California, Santa Barbara, 167
University of Illinois, 169
University of Maryland
National Digital Information Infrastructure and Preservation Program, 169
persistent digital archives, 158*f*, 159
University of Michigan
ARTEMIS Digital Library, 311–312, 338
National Digital Information Infrastructure and Preservation Program, 169–170
University of Pennsylvania Library, 141
University of Winnipeg, 349, 357
University of Worcester, 538–539, 540, 546
Unix identifiers, 148
Upper Riccarton library, New Zealand, 530
URI (Uniform Resource Identifiers), 74
URLs. *See* Web sites
Usage patterns and reports
Counting Online Usage of Networked Electronic Resources, 385
European consortia, 378
health information, 610, 611, 612, 613*t*
Information and Library Network, India, 475
Legal and Historical Internet Archive System (BBC), 28
OhioLINK project, 395–396, 404–405, 405*f*, 405*t*, 407
Open WorldCat project, 437*f*, 445–446
public libraries, 542
virtual reference, 212–213
Useful Utilities Co., 385
User-centered design, 321

User interfaces
Ask Jeeves for Kids, 331*f*
children and digital resources, 203–205, 307–309, **318–342**
Google, 438*f*
History Trek portal, 325*f*, 334*f*
International Children's Digital Library, 250*f*
KidsClick interface, 329*f*
Lycos Zone, 328*f*
National Electronic Library Interface, 362
National Library of Medicine, 616*f*
Ontario School Curriculum Resource, 454–455
Open WorldCat project, 437–438, 440*f*, 441*f*, 442*f*, 443*f*
Yahooligans!, 330*f*
User needs
children, 189, 223, 241–242, 288, 303
digital preservation selection, 61
dual-use libraries, 508–509, 525–526, 624
health libraries, 597, 599–600, 607, 611–612, 613–614, 614*t*, 615*t*
users with print disabilities, 413, 422–423
User permissions. *See* Security and permissions
Users First: Removing Barriers to Knowledge Access Across HE and the NHS (report), 602

V
Vandergrift, K. E., 247
Vendors
book vendors, 435
OPACs, 308
Version control, 12
Video, 321, 407
ViewPoints Project (Ohio), 407
Virginia
Blacksburg Electronic Village, 268, 274
Virtual Information Centre (VIC, India), 476
Virtual reference. *See* Reference services
Virtual Reference Desk (VRD) Learning Center, 231–232, 389
Visby, Sweden, 554–556, 557, 564
Visuals. *See* Images and visual content
Vocabularies and taxonomies
children and digital environments, 291, 306–307, 310–312, 313
MeSH (Medical Subject Headings), 616
question taxonomies, 232–233
Web portal design, 332–333
Volunteerism, 275, 626

W
Walter, V. A., 210
Waters, Donald, 91–92, 108
Watson, J.S., 200
Web browsers, 153, 154
Web portals and search engines
Canadian Initiative on Digital Libraries, 459
for children, 176, **318–342**
college student use, 432
digitization projects, 387–388
health information, 604
Hellenic Academic Libraries Link, 364
National Electronic Library Program, Finland, 362
National Library of Medicine, 610–617, 616*f*
Open WorldCat project, 431, 433, 435–436, 438*f*, 447
RedLightGreen union catalog, 388–389
Yahooligans!, 200–203
Web Services Description Language (WSDL), 154, 353
Web sites
bbc.co.uk, 16
British Broadcasting Co., 16–31
children's use of, 319
commercial databases, 314*n*
digital archiving initiatives, 53*n*
digital preservation, 2–3, **72–90,** 77*f*, 78*f*, 79*f*, 83*t*, 93, 161*n*
Information Age Town project, Ireland, 279
International Children's Digital Library, 250*f*
Legal and Historical Internet Archive System (BBC), 25, 28
library consortia, 381
MedlinePlus.gov, 611–617, 613*t*, 614*t*, 615*t*, 616*f*

National Digital Information Infrastructure and Preservation Program, 172*n*
Ontario School Curriculum Resource, 454–455
Open WorldCat project, 436–437
PREMIS working group, 113
Tutor.com, 209, 213–214
Virtual Reference Desk Learning Center, 231–232
whole domain preservation, 61–62
West St. Petersburg Community Library, FL, 581–594
Westminster, CO, **569–580**
WGBH Boston, 168
Wireless Information System for Emergency Responders (WISER), 616
WNET New York, 167–168
Worcester library and history center, UK, 535–547
Workshops. *See* Meetings and workshops
World Wide Web. *See* Internet and World Wide Web
WorldCat Partner Program, 446
Writers
Gray, John, 209
Writing skills
Information Age Town project, 278
teaching of, 184
Written Archives Centre, British Broadcasting Co. (BBC), 17

X
XML
Electronic Document Exchange Network, 353
National Library of New Zealand project, 95, 99
resource sharing innovation, 386
XSL style sheets, 95, 99

Y
Yahoo!
Open WorldCat project, 435–436, 437
Yahooligans!, 200–203, 320, 322, 330*f*
Young adult collections
dual-use libraries, 515, 589
young adult librarians, 210, 221

Z
Z39.50 standard, 384